

covalently linking a molecule to the cell surface, wherein the molecule can act as a surface receptor,
2) complexing the biologically active molecule with a ligand for the surface receptor, and 3)
contacting the biologically active molecule-ligand complex with the cell surface, whereby the
biologically active molecule is delivered into the cell.

7. The method of claim 1, [6] wherein the biologically active molecule is a nucleic acid,
the ligand is PEI [is] conjugated to avidin and the [cell] surface receptor is biotin [biotinylated].

Please add the following new claims:

15. A method for delivering a biologically active molecule to a cell comprising: 1)
covalently linking a molecule to the cell surface, wherein the molecule can act as a surface receptor,
2) complexing the biologically active molecule with a ligand for the surface receptor, and 3)
contacting the biologically active molecule-ligand complex with the cell surface, whereby the
biologically active molecule is delivered to the cell.

16. The method of claim 15, wherein the biologically active molecule is selected from
the group consisting of proteins, enzymes, vitamins, vaccines, transcription factors, hormones,
carbohydrates, lipids, oligonucleotides, and nucleic acids.